CITY OF BIRMINGHAM FIELD WORKSHEET

SECTION 1: BACKGROUND DATA

Today's date:	**Field Objective (circle): In-Stream Screening ORI'S**	**Time (Military):**
Site ID:	**Sub-Water:**	**HUC 12 CODE:**
Investigators:	**Form completed by:**	
Air Temperature (°F): _____	**Rainfall (in.): Last 72 hours: _____ Day of Event:_____**	**Total Rainfall (in.): _____ Rain Code:_____**
Latitude:	**Longitude:**	**Nearest Address:**
Land Use in Drainage Area (Check all that apply): ☐ **Industrial** ☐ **Ultra-Urban Residential** **Other:_____** ☐ **Open Space** ☐ **Institutional** ☐ **Commercial** ☐ **Suburban Residential**		**Photo Log Id #:**

Total Rain Fall Code System: 0in. (No Rain Code # 1) 0.01-0.05in. (Trace of Rain Code # 2) 0.06-0.09in. (Light Rain Code # 3)

0.10-0.15in. (Moderate Rain Code # 4) 0.16-0.49in. (Moderate Heavy Rain Code # 5) 0.50-1.00in. (Heavy Rain Code # 6) ≥1.01in. (Very Heavy Rain Code # 7)

SECTION 2: PHYSICAL INDICATORS

Are Any Physical Indicators Present in the flow? ☐**Yes** ☐**No**

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ **Sewage** ☐ **Rancid/sour** ☐**Petroleum/gas** ☐ **Sulfide** ☐ **Other:**	☐ **1 – Faint**	☐ **2 – Easily detected**	☐ **3 – Noticeable from a distance**
Color	☐	☐ **Clear** ☐ **Brown** ☐ **Gray** ☐ **Red** ☐ **Yellow** ☐ **Green** ☐ **Orange** ☐ **Other:** **(Notes)**	☐ **1 – Faint colors in sample bottle**	☐ **2 – Clearly visible in sample bottle**	☐ **3 – Clearly visible in flow**
Floatable -Does Not Include Trash!!	☐	☐ **Sewage (Toilet Paper, etc.)** ☐ **Suds** ☐ **Petroleum (oil sheen)** ☐ **Other:**	☐ **1 – Few/slight; origin not obvious**	☐ **2 – Some; indications of origin (e.g., possible suds or oil sheen)**	☐ **3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)**

SECTION 3: QUANTITATIVE CHARACTERIZATION (FLOW IS NEEDED FOR ALL HEAD WATER, TAIL WATER AND SCREENING SITES)

PARAMETER		RESULT	UNIT	EQUIPMENT
☐ **Pipe or Culvert**	**AVG Flow depth**	_____ _____ _____ = **Avg.** _____ **Bi-annual/ Fixed**	**CM**	**Ruler**
	AVG Flow width	_____ _____ _____ = **Avg.** _____ **Bi-annual/ Fixed**	**M**	**Tape measure**
☐**Stream**	**AVG Flow**	_____ _____ _____ =**Avg.** _____ **Bi-annual/ Fixed**	**M/S**	**Pygmy Current Meter**
	AVG Flow	_____ _____ _____ =**Avg.** _____ **Bi-annual/ Fixed**	**L/S**	**1 Liter Sample Bottle**

Illicit Discharge Notes :

SECTION 4: QUANTITATIVE WATER QUALITY CHARACTERIZATION

PARAMETER	RESULT	EQUIPMENT	PARAMETER	RESULT	EQUIPMENT
Water Temperature	°F	YSI	Barometric Pressure	mmHg	YSI
DO%	%	YSI	DO	mg/L	YSI
Conductivity	µS/cm	YSI	pH	Units	YSI
Oxidation Reduction Potential	MV	YSI	Turbidity	NTU	Oakton Meter
Total Hardness	mg/L	Test Strip	Chlorine, Total Residual	mg/L	Stormwater Kit
Chlorine, Total	mg/L	Test Strip	Phenols	mg/L	Stormwater Kit
Chlorine, Free	mg/L	Test Strip	Copper, Total	mg/L	Stormwater Kit
Total Alkalinity	mg/L	Test Strip	Detergents	mg/L	Stormwater Kit
Ammonia	mg/L	Test Strip			

Section 5: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Section 6: Are Lab Samples Collected? ☐**Yes** ☐**No**

Sample Bottles : Mark next to all samples that are collected for lab analysis requested

_____ **BOD** _____ **TKN** _____ **Zinc (Village Creek Only)**

_____ **TSS** _____ **TP** _____ **Other:**_____

_____ **Ortho PO4** _____ ***E. coli* -E9222D**

_____ **TN** _____ **TDS (Village Creek Only)**